

### EXAMINER'S AMENDMENT

Claims 1, 3-9, 12-17, 21-42, and 44 are allowed.

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Marissa Zink on 6/4/08.

The application has been amended as follows:

In the claims, please amend:

1. (Currently Amended) A remote file system that promotes truth on a client, comprising:

one or more client computers that operatively communicate with an online remote location to work on one or more file objects;

a caching component that selectively caches the one or more file objects to a local cache located on a respective client computer, ~~thereby~~ making it available to the client when disconnected from a remote location, wherein the caching component silently pushes file objects added by the client to the remote location and triggers a corresponding directory change notification request when a physical share connection state has changed, to facilitate ~~effectively~~ enumerating any affected directory; and

a component that resolves conflicts between a client version of the one or more file objects and a remote location version of the one or more file objects such that the client version overrides the remote location version when viewed on the client, wherein the component that resolves conflicts is based at least in part upon user preferences;

wherein modifications by the client while disconnected from the remote location are stored to the client's memory and then automatically uploaded to the remote location when the client regains connection to the remote location;

wherein transitioning online to the remote location is initiated by the caching component which periodically scans offline paths and then initiates an online transition when a path becomes reachable, once the caching component detects a reachable path, it sends an I/O (input/output) control to a driver to initiate an online transition on the reachable path, all existing handles ~~still~~ remain offline until each handle is backpatched individually, once ~~the connection is online,~~ reconnected, the driver starts to backpatch the handles for directories first to maintain the consistent view of the directory after transitioning online, such that the user retains a consistent view of the file objects even when the file objects have been modified locally but the changes have not been pushed out; and

a synchronization component that background synchronizes namespaces not in conflict between the client and the remote location;

and wherein the caching component flushes out stale data from local caches based upon comparison of file signatures and comparison of file properties, wherein the file properties comprise time stamp, file size, and revision count.

Claim 42, please replace "the modifications" in line 12 with "a modified client-cached file".

### **REASONS FOR ALLOWANCE**

Claims 1, 3-9, 12-17, 21-42, and 44 are allowed.

The following is an examiner's statement of reasons for allowance: This communication warrants no examiner's reason for allowance, as applicant's reply makes evident the reason for allowance, satisfying the record as whole as required by rule 37 CFR 1.104 (e). In this case, the substance of applicant's remarks in the Amendment filed on 17 April 2008 with respect to the amended claim limitations and further amended claim limitations in the Examiner's Amendment filed on 24 May 2006 point out the reason claims are patentable over the prior art of record. Thus, the reason for allowance is in all probability evident from the record and no statement for examiner's reason for allowance is necessary (see MPEP 13202.14).

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Saleh Najjar whose telephone number is (571)272-4006. The examiner can normally be reached on M-F 8-4:30.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Saleh Najjar can be reached on (571) 272-4006. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

AMN

/saleh najjar/  
Supervisory Patent Examiner, Art Unit 2155